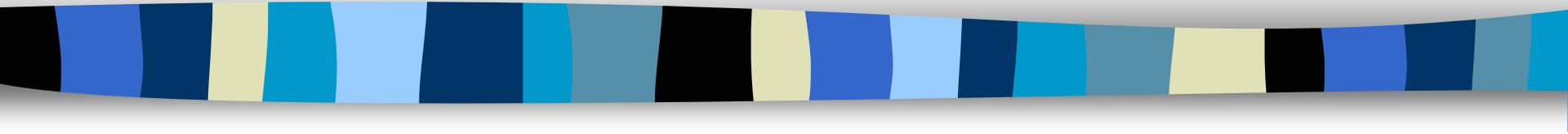
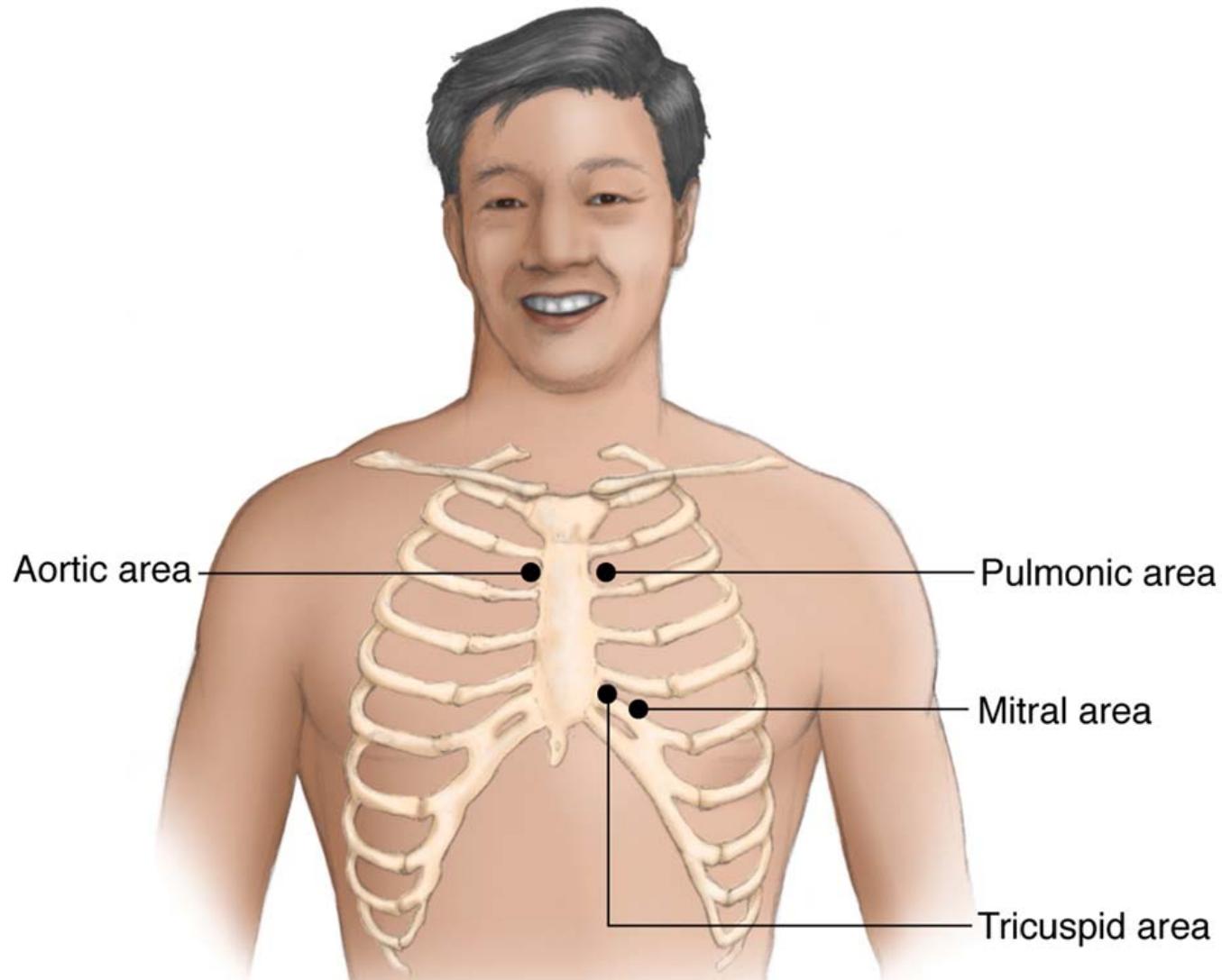


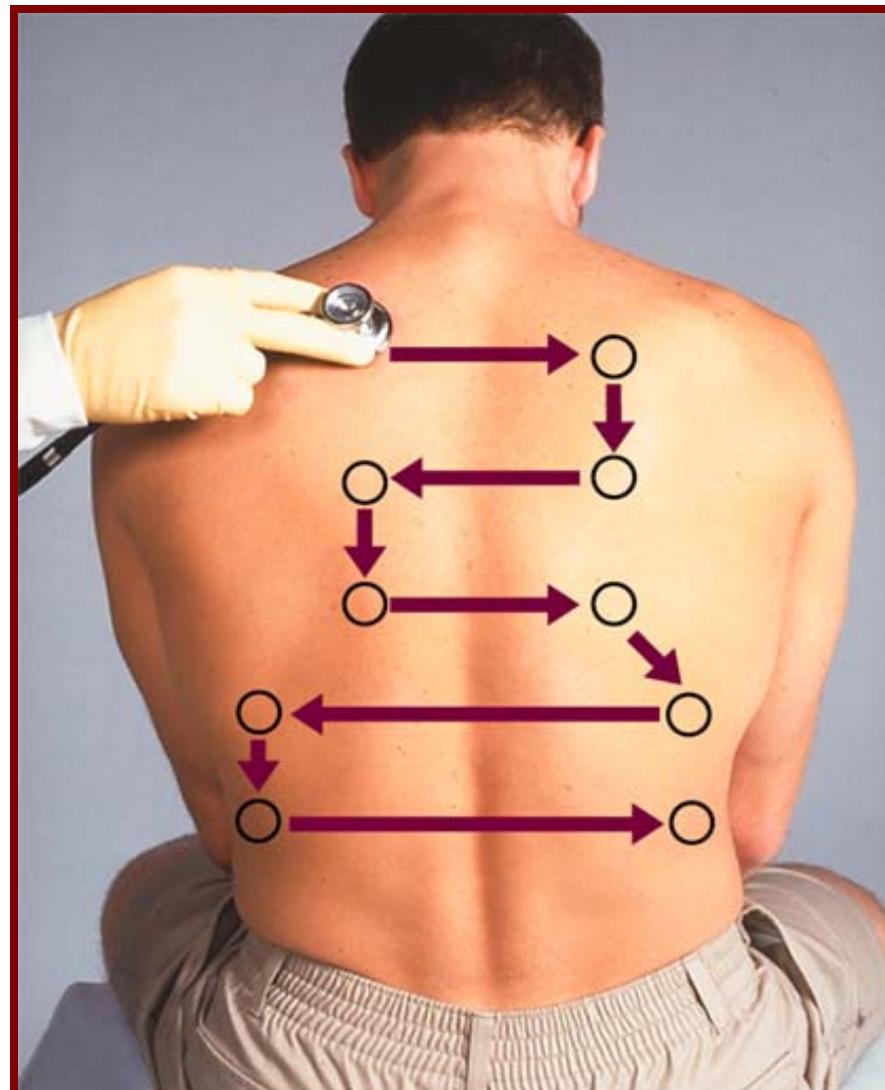
# Heart and Lung Sounds



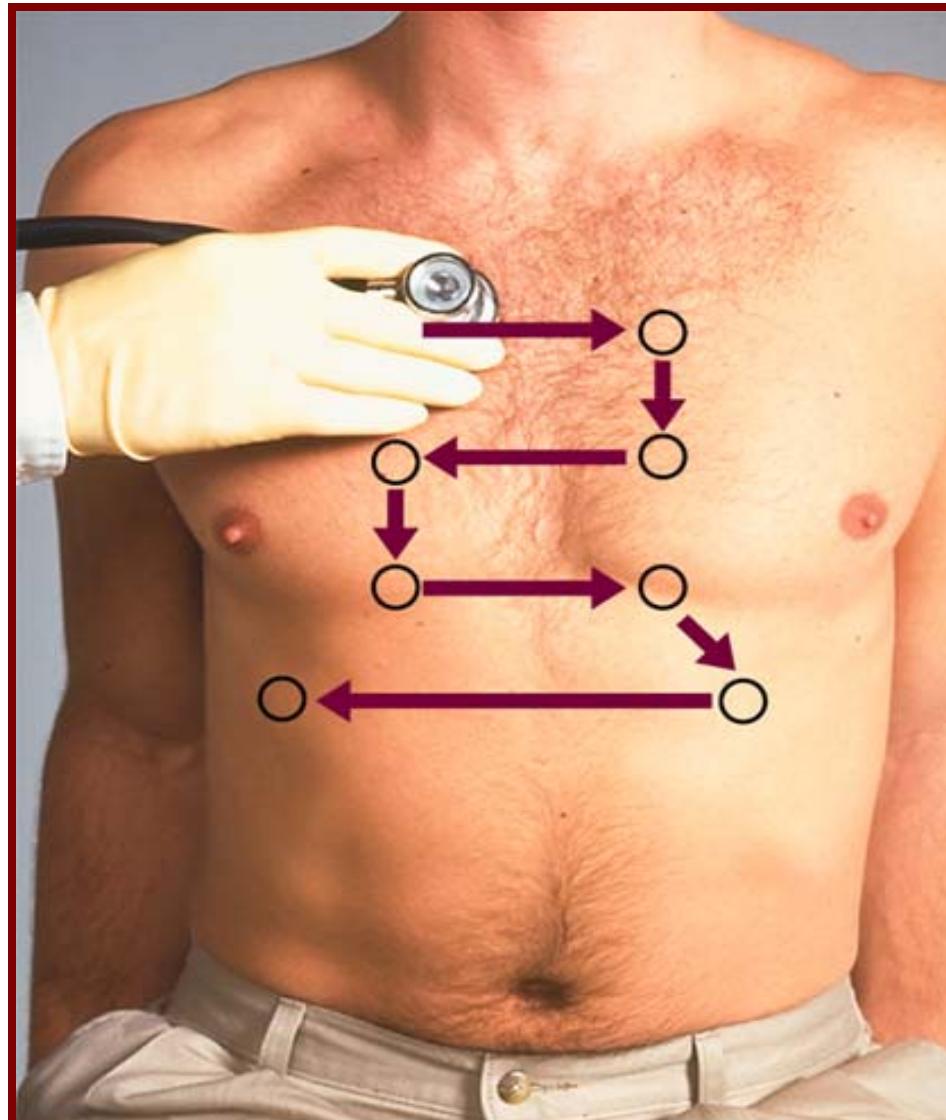
# Sites for Chest Auscultation



# Posterior Auscultation



# Anterior Auscultation





# Normal Lungs Sounds

- Trachea
  - Loud/Harsh
  - Equal inspiratory and expiratory
- Bronchial
  - Loud, high pitched, hollow
  - Prolonged expiratory
- Bronchovesicular
  - Soft, breezy, lower pitch
  - Equal inspiratory and expiratory
- Vesicular
  - Soft, s



# Adventitious Lung Sounds

- Crackles
- Wheezes
- Rhonchi



# Heart Sounds

- S1 “Lub”
- S2 “dub”
- Split
  - S1 la-lub
  - S2 da-dub
- S3 “lub-dud-dee”
- S4 “dee-lub-dub”



# Heart Sounds

- Click
- Snap
- Murmur
- Friction Rub
- Muffled